INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/28200

	A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : A62D 3/00; C25F 1/00; C02F 1/46 US CL : 588/204, 210, 227, 237, 243, 247; 204/263; 205/687, 746, 766, 770 According to International Patent Classification (IPC) or to both national classification and IPC					
B. FIELDS SEARCHED						
Minimum documentation searched (classification system followed by classification symbols) U.S.: 588/204, 210, 227, 237, 243, 247; 204/263; 205/687, 688, 701, 703, 746, 766, 770						
Documentation searched other than minimum documentation to the extent that such documents are included in the	he fields searched					
Electronic data base consulted during the international search (name of data base and, where practicable, search	terms used)					
C. DOCUMENTS CONSIDERED TO BE RELEVANT						
	Relevant to claim No.					
	1-2, 4-15, 18-19, 21, 24-27, 31-35, 37-38, 41-49, 51-52, 54-58, 60-65, 67-72, 79, 84- 85, 87					
	1-2, 4-10, 13-15, 17- 21, 23-37, 29-32, 34- 46, 48-51, 54-61, 63- 65, 67-72, 74-75, 79- 80, 85					
	51-52, 54-58, 60-65, 67-72, 79-80, 84-85, 87					
Further documents are listed in the continuation of Box C. See patent family annex.						
Special categories of cited documents: "T" later document published after the international filing date or prior						
"A" document defining the general state of the art which is not considered to be principle or theory underlying the invention of particular relevance	on but cited to understand the on					
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"O" document referring to an oral disclosure, use, exhibition or other means being obvious to a person skilled in the art						
"P" document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family	ne "&" document member of the same patent family					
Date of the actual completion of the international search Date of mailing of the international search report						
20 July 2004 (20.07.2004) 0 6 AUG 2004						
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230 Authorized officer Stanley Silverman Telephone No. 571-272-1790	far					

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INTERNATIONAL SEARCH REPORT

PATED	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	
X	US 5,855,763 A (CONLIN et al.) 5 January 1999 (05.01.1999), columns 3-7	1-2, 4-10, 13-19, 21, 24-27, 31-32, 34-35, 37-38, 41-49, 51-58, 60-65, 67-72, 79, 84-87	
X	US 5,968,337 A (SURMA et al.) 19 October 1999 (19.10.1999), columns 3-5	1-2, 4-10, 13-15, 17- 21, 24-27, 29-32, 34- 52, 54-72, 74-75, 79, 81-85, 87	
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